AMENDMENTS TO THE CLAIMS

| 1 | 1. (Currently Amended) A document-generation process performed using a | | | |
|----|---|--|--|--|
| 2 | computer system, the process comprising: | | | |
| 3 | parsing a raw document to create an internal representation of the document; | | | |
| 4 | reading a first-level transform from a transform database; | | | |
| 5 | applying the first-level transform to the internal representation so as to create | | | |
| 6 | a first first-level document; | | | |
| 7 | writing the first-level document to memory; | | | |
| 8 | reading a second first-level transform from the transform database; | | | |
| 9 | applying the second first-level transform to the internal representation to create a | | | |
| 10 | second first-level document; | | | |
| 11 | receiving a first request for a second-level document that depends from the first | | | |
| 12 | first-level document; | | | |
| 13 | in response to the first request, reading a second-level transform from the | | | |
| 14 | transform database; | | | |
| 15 | in response to the first request, applying the second-level transform to the first | | | |
| 16 | first-level document so as to create [[a]] the second-level document; and | | | |
| 17 | writing the second-level document to memory; and | | | |
| 18 | writing the second first-level document to memory; | | | |
| 19 | wherein the first first-level document and the second first-level document are | | | |
| 20 | <u>different</u> . | | | |
| | | | | |
| 1 | 2. (Currently Amended) A document-generation process as defined in Claim | | | |
| 2 | 1, further comprising: | | | |
| 3 | revising the raw document; | | | |
| 4 | applying the <u>first</u> first-level transform to the revised raw document so as to create | | | |
| 5 | a revised <u>first</u> first-level document; | | | |
| 6 | writing the revised <u>first</u> first-level document to memory; and | | | |
| 7 | indicating that a then-existing second-level document is invalid | | | |

-2 of 23- S/N: 09/840,737

| 1 | 3. (Original) A document-generation process as defined in Claim 2, | | | | |
|---|---|--|--|--|--|
| 2 | further comprising: | | | | |
| 3 | receiving a second request for the then-existing second-level document; | | | | |
| 4 | determining that the then-existing second-level document has been indicated | | | | |
| 5 | invalid; | | | | |
| 6 | applying the second-level transform to the revised first first-level document so as | | | | |
| 7 | to create a revised second-level document; and | | | | |
| 8 | writing the revised second-level document to memory. | | | | |
| 1 | 4. (Currently Amended) A document-generation process as defined in Claim | | | | |
| 2 | 1, further comprising: | | | | |
| 3 | receiving a request for a revised first first-level transform; | | | | |
| 4 | revising the then-existing <u>first</u> first-level transform; | | | | |
| 5 | applying the revised <u>first</u> first-level transform to the raw document so as to create | | | | |
| 6 | a revised <u>first</u> first-level document; | | | | |
| 7 | writing the revised first first-level document to memory; and | | | | |
| 8 | indicating that the then-existing second-level document is invalid. | | | | |
| 1 | 5. (Currently Amended) A document-generation process as defined in Claim | | | | |
| 2 | 4, further comprising: | | | | |
| 3 | receiving a second request for the then-existing second-level document; | | | | |
| 4 | determining that the then-existing second-level document has been indicated | | | | |
| 5 | invalid; | | | | |
| 6 | applying the second-level transform to the revised <u>first</u> first-level document so as | | | | |
| 7 | to create a revised second-level document; and | | | | |
| 8 | writing the revised second-level document to memory. | | | | |
| 1 | 6. (Original) A document-generation process as defined in Claim 1, | | | | |
| 2 | wherein a respective GID is assigned to each of the first-level document and the second- | | | | |
| 3 | level document. | | | | |

-3 of 23- S/N: 09/840,737

| 1 | 7. | (Currently Amended) A document-generation process as defined in Claim |
|----|--|---|
| 2 | 1, wherein th | e <u>first</u> first-level document and the second-level document are timestamped |
| 3 | and wherein a | a document is deleted when a timestamp indicates that the document is stale. |
| 1 | 8. | (Currently Amended) A method of generating customized versions of a |
| 2 | document usi | ng a computer system, the method comprising: |
| 3 | storin | g the document in raw form; |
| 4 | parsin | ig the document to create an internal representation of the document; |
| 5 | receiv | ring a request to generate a second-level document; and |
| 6 | decon | nposing the document to create the second-level document, wherein |
| 7 | | decomposing the document comprises: |
| 8 | | applying a first-level transform to the internal representation of the |
| 9 | | document so as to create a first first-level document; [[and,]] and |
| 10 | | in response to the request to generate the second-level document, applying |
| 11 | | a second-level transform to the first first-level document so as to |
| 12 | | create the second-level document; and |
| 13 | decon | nposing the document to create a second first-level document, wherein |
| 14 | | decomposing the document to create the second first-level document |
| 15 | | comprises: |
| 16 | | applying a second first-level transform to the internal representation of the |
| 17 | | document to create a second first-level document; |
| 18 | where | ein the first first-level document and the second first-level document are |
| 19 | | <u>different</u> . |
| 1 | 9. | (Currently Amended) A method as defined in Claim 8, wherein applying |
| 2 | a first first-level transform and applying a second-level transform comprises applying | |
| 3 | sequential tra | nsforms to the document. |
| 1 | 10. | (Canceled) |
| 1 | 11. | (Canceled) |

-4 of 23-S/N: 09/840,737

| 1 | 12. (Currently Amended) A method as defined in Claim 8, wherein | | | | |
|---|---|--|--|--|--|
| 2 | decomposing the document comprises applying a third-level transform to the second | | | | |
| 3 | level document so as to create a third-level document. | | | | |
| | | | | | |
| 1 | 13. (Original) A method as defined in Claim 8, wherein the document is | | | | |
| 2 | stored in raw XML form. | | | | |
| 1 | 14. (Currently Amended) A method as defined in Claim 13, wherein applying | | | | |
| 2 | a <u>first</u> first-level transform and applying a second-level transform comprises applying | | | | |
| 3 | sequential transforms to the document. | | | | |
| | | | | | |
| 1 | 15. (Currently Amended) A method as defined in Claim 14, wherein applying | | | | |
| 2 | a first first-level transform of the document stored in raw XML form comprises applying | | | | |
| 3 | a subscription-level transform to the internal representation of the document so as to | | | | |
| 4 | create a subscription-level document. | | | | |
| | | | | | |
| 1 | 16. (Previously Presented) A method as defined in Claim 15, wherein | | | | |
| 2 | the subscription-level transform enables content filtering of the internal representation in | | | | |
| 3 | accordance with a user's request. | | | | |
| 1 | 17. (Currently Amended) A method as defined in Claim 16, wherein applying | | | | |
| 2 | a second-level transform comprises applying an organization-level transform to the | | | | |
| 3 | subscription-level document so as to create an organization-level document. | | | | |
| | | | | | |
| 1 | 18. (Original) A method as defined in Claim 17, wherein the | | | | |
| 2 | organization-level transform enables subscription-specific content filtering of a | | | | |
| 3 | subscription-level document. | | | | |
| | | | | | |
| 1 | 19. (Currently Amended) A method as defined in Claim 18, wherein | | | | |
| 2 | decomposing the document comprises applying a presentation-level transform to the | | | | |

organization-level document so as to create a presentation-level document.

3

-5 of 23- S/N: 09/840,737

- 1 20. (Original) A method as defined in Claim 19, wherein the presentation-2 level transform generates an organization-specific document for end user presentation.
- 1 21. (Original) A method as defined in Claim 20, wherein the presentation-2 level transform generates an HTML document or a text file for end user presentation.
- 3 22. (Original) A method as defined in Claim 21, wherein the subscription-4 level transform is mandatory and the organization-level and presentation-level transforms 5 are optional.
- 1 23. (Original) A method as defined in Claim 8, wherein a transform is 2 applied to a document only as a result of an initial demand for a transformed document.
- 1 24. (Original) A method as defined in Claim 23, wherein the demand for a 2 transformed document is a client request.
- 1 25. (Original) A method as defined in Claim 24, wherein the demand for a transformed document is a document publication process.
- 1 26. (Original) A method as defined in Claim 23, wherein transformed 2 documents are written to a cache.
- 1 27. (Original) A method as defined in Claim 26, wherein demands for a 2 transformed document, subsequent to the initial demand, are referred to the cache.
- 1 28. (Currently Amended) A computer readable medium having data stored 2 therein to cause a data processing system to generate a data document according to a 3 process comprising:
- 4 storing a raw form of the document;
- 5 parsing the document to create an internal representation of the document; and

-6 of 23- S/N: 09/840,737

| 6 | receiving a request from a client computer system coupled to the data processing | | |
|----|---|--|--|
| 7 | system to generate a second-level document into a particular form; | | |
| 8 | decomposing the document into the form requested by the client system, wherein | | |
| 9 | decomposing the document comprises: | | |
| 10 | applying a first-level transform to the internal representation of the | | |
| 11 | document so as to create a first first-level document; [[and,]] and | | |
| 12 | in response to the request to generate the second-level document, applying | | |
| 13 | a second-level transform to the first first-level document so as to | | |
| 14 | create the second-level document; and | | |
| 15 | decomposing the document to create a second first-level document, wherein | | |
| 16 | decomposing the document to create the second first-level document | | |
| 17 | comprises: | | |
| 18 | applying a second first-level transform to the internal representation of the | | |
| 19 | document to create a second first-level document; | | |
| 20 | wherein the first first-level document and the second first-level document are | | |
| 21 | different. | | |
| | | | |
| 1 | 29. (Currently Amended) A computer readable medium as defined in Claim | | |
| 2 | 28, wherein applying a <u>first</u> first-level transform and applying a second-level transform | | |
| 3 | comprises applying sequential transforms to the document. | | |
| 1 | 30. (Previously Presented) A computer readable medium as defined in | | |
| 2 | Claim 28, wherein the document is stored in XML form. | | |
| _ | | | |
| 1 | 31. (Previously Presented) A computer readable medium as defined in | | |
| 2 | Claim 30, wherein the document stored in XML form is parsed by an XML parser to | | |
| 3 | create the internal representation. | | |
| | | | |
| 1 | 32. (Previously Presented) A computer readable medium as defined in | | |
| 2 | Claim 31, wherein the internal representation level of the document is transformed to a | | |
| 3 | subscription-level document by applying a subscription-level transform to the internal | | |
| 4 | representation. | | |

-7 of 23- S/N: 09/840,737

| 1 | 33. | (Currently Amended) A computer readable medium as defined in Claim | | |
|---|---|---|--|--|
| 2 | 32, wherein | nerein application of the subscription level transform to the internal representation | | |
| 3 | so as to create a subscription-level document is required. | | | |
| 1 | 34. | (Previously Presented) | A computer readable medium as defined in | |
| 2 | Claim 32, w | herein the subscription-level | document is transformed into an organization- | |
| 3 | level docum | ent by applying an organizati | on-level transform to the subscription-level | |
| 4 | document. | | | |
| 1 | 35. | (Previously Presented) | A computer readable medium as defined in | |
| 2 | Claim 34, w | herein application of the orga | nization-level transform to the subscription- | |
| 3 | level document so as to create an organization-level document is optional. | | | |
| 1 | 36. | (Previously Presented) | A computer readable medium as defined in | |
| 2 | Claim 34, w | herein the internal representa | tion of the document is decomposed to a | |
| 3 | transform-le | vel document only in respons | e to a request for a transform-level document. | |
| 1 | 37. | (Previously Presented) | A computer readable medium as defined in | |
| 2 | Claim 36, wherein transformed documents are written to a cache. | | | |
| 1 | 38. | (Previously Presented) | A computer readable medium as defined in | |
| 2 | Claim 37, wherein an initial request for a transformed document causes decomposition of | | | |
| 3 | the internal representation into the form requested and wherein subsequent requests for a | | | |
| 4 | transformed | document causes the transfor | rmed document to be retrieved from memory. | |
| 1 | 39. | (Previously Presented) | A computer readable medium as defined in | |
| 2 | Claim 29, w | herein the data document is g | enerated according to a process comprising: | |
| 3 | tracking the dependencies of a transformed document; and | | | |
| 4 | reger | nerating the transformed docu | ment when any dependency related to the | |
| 5 | - | document changes | • | |

-8 of 23- S/N: 09/840,737

| 1 | 40. (Previously Presented) A computer readable medium as defined in | | | | |
|---|---|--|--|--|--|
| 2 | Claim 39, wherein the document is generated according to a process comprising: | | | | |
| 3 | designating a cached version of the document invalid when any dependency | | | | |
| 4 | related to the document changes, and | | | | |
| 5 | regenerating the transformed document in response to a request for the document | | | | |
| 6 | that is made after the dependency change. | | | | |
| 1 | 41. (Previously Presented) A computer readable medium as defined in | | | | |
| 2 | Claim 40, wherein the document is stored in XML form. | | | | |
| 1 | 42. (Previously Presented) A computer readable medium as defined in | | | | |
| 2 | Claim 39, wherein the document stored in XML form is parsed by an XML parser to | | | | |
| 3 | create the internal representation. | | | | |
| 1 | 43. (Previously Presented) A computer readable medium as defined in | | | | |
| 2 | Claim 42, wherein the internal representation level of the document is transformed to a | | | | |
| 3 | subscription-level document by applying a subscription-level transform to the internal | | | | |
| 4 | representation. | | | | |
| 1 | 44. (Previously Presented) A computer readable medium as defined in | | | | |
| 2 | Claim 43, wherein application of the subscription level transformed to the internal | | | | |
| 3 | representation so as to create a subscription-level document is required. | | | | |
| 1 | 45. (Previously Presented) A computer readable medium as defined in | | | | |
| 2 | Claim 43, wherein the subscription-level document is transformed into an organization- | | | | |
| 3 | level document by applying an organization-level transform to the subscription-level | | | | |
| 4 | document. | | | | |
| 1 | 46. (Previously Presented) A computer readable medium as defined in | | | | |
| 2 | Claim 45, wherein application of the organization-level transform to the subscription- | | | | |
| 3 | level document so as to create an organization-level document is optional. | | | | |

-9 of 23- S/N: 09/840,737

| 1 | 47. | (Previously Presented) | A computer readable medium as defined in |
|----|---------------|-------------------------------------|---|
| 2 | Claim 45, wh | nerein the internal representa | tion of the document is decomposed to a |
| 3 | transform-lev | vel document only in respons | se to a request for a transform-level document. |
| 1 | 48. | (Previously Presented) | A computer readable medium as defined in |
| 2 | Claim 47, wh | nerein transformed document | ts are written to a cache. |
| 1 | 49. | (Canceled) | |
| 1 | 50. | (Canceled) | |
| 1 | 51. | (Canceled) | |
| 1 | 52. | (Canceled) | |
| 1 | 53. | (Currently Amended) A m | nethod of generating customized versions of a |
| 2 | document us | ing a computer system, the n | nethod comprising: |
| 3 | storin | g the document in a primitiv | e form; |
| 4 | transf | forming the document from p | primitive form into an internal representation of |
| 5 | | the document; | |
| 6 | transf | forming the internal represen | tation into at least one subscription-level a first |
| 7 | | first-level document[[,]] an | nd into a DEFAULT organization-level second |
| 8 | | first-level document and in | nto at least one user-specific organization-level |
| 9 | | document; | |
| 10 | transf | forming the DEFAULT orga | nization-level first first-level document into at |
| 11 | | least one presentation-leve | H first second-level document; and |
| 12 | transf | forming the user-specific org | ganization level second second-level document |
| 13 | | into at least one presentation | on-level second second-level document; |
| 14 | where | ein the first first-level docum | nent and the second first-level document are |
| 15 | | different. | |

-10 of 23- S/N: 09/840,737

| 1 | 54. (Currently Amended) A method of generating customized versions of | | | | |
|---|---|--|--|--|--|
| 2 | documents as defined in Claim [[53]] 71, wherein the user-specific organization-level | | | | |
| 3 | document is transformed into at least two presentation-level documents. | | | | |
| | | | | | |
| 1 | 55. (Original) A method of generating customized versions of documents | | | | |
| 2 | as defined in Claim 54, wherein the user-specific organization-level document is | | | | |
| 3 | transformed into an HTML presentation-level document and into a FLAT presentation- | | | | |
| 4 | level transform. | | | | |
| 1 | 56. (Currently Amended) A method of generating customized versions of a | | | | |
| 2 | document as defined in Claim [[53]] 71, wherein: | | | | |
| 3 | (i) the internal representation is transformed into a first subscription-level | | | | |
| 4 | document and into a second subscription-level document; | | | | |
| 5 | (ii) the first subscription level document is transformed into a subscription-level | | | | |
| 6 | specific DEFAULT organization-level document and into at least one | | | | |
| 7 | user-specific organization-level document; and | | | | |
| 8 | (iii) the second organization-level document is transformed into a subscription- | | | | |
| 9 | level-specific DEFAULT organization-level document. | | | | |
| 1 | 57. (Original) A method of generating customized versions of a document | | | | |
| 2 | as defined in Claim 56, wherein the document is stored in XML form. | | | | |
| 1 | 58. (Currently Amended) A system for the generation of customized data | | | | |
| 2 | documents, the system comprising: | | | | |
| 3 | first database for storing raw data documents; | | | | |
| 4 | first tabular means for storing document records; | | | | |
| 5 | an interface coupling the first database to the first tabular means; | | | | |
| 6 | a request interface to receive a document generation request, wherein the | | | | |
| 7 | document generation request indicates a particular document type; | | | | |
| 8 | a second database for storing a compilation of transforms that enable an internal | | | | |
| 9 | representation of a document to be transformed into a first first-level | | | | |
| | - | | | | |

-11 of 23- S/N: 09/840,737

| 10 | document and into a second first-level document and that enable the first | | |
|----|---|--|--|
| 11 | first-level document to be transformed into a second-level document, | | |
| 12 | wherein each transform is mapped to a particular document type; | | |
| 13 | a document generator, coupled to the first and second databases and first and | | |
| 14 | second tabular means, and to the request interface, to generate the first | | |
| 15 | first level first-level document using at least one of the transforms, to | | |
| 16 | generate the second first-level document using at least one of the | | |
| 17 | transforms that is different than at least one of the transforms used to | | |
| 18 | generate the first-level document, and to generate the second-level | | |
| 19 | document using at least one of the transforms in response to receipt of the | | |
| 20 | document generation request, wherein the document type of the second- | | |
| 21 | level document and the transform used to generate the second-level | | |
| 22 | document are indicated by the document generation request; | | |
| 23 | second tabular means for storing transform records; and | | |
| 24 | an interface coupling the second database to the second tabular means; and | | |
| 25 | wherein the first first-level document and the second first-level document are | | |
| 26 | different. | | |
| | | | |
| 1 | 59. (Original) A system as defined in Claim 58, further comprising: | | |
| 2 | a cache coupled to the first tabular means and to the second tabular means. | | |
| | | | |
| 1 | 60. (Currently Amended) A system as defined in Claim 58, wherein the | | |
| 2 | second database stores a compilation of transforms that enable: | | |
| 3 | transforming an internal representation into at <u>least</u> one subscription-level | | |
| 4 | document, into a DEFAULT organization-level document and into at least | | |
| 5 | one user-specific organization-level document; | | |
| 6 | transforming the DEFAULT organization-level document into at least one | | |
| 7 | presentation-level document; and | | |
| 8 | transforming the user-specific organization-level document into at least one | | |
| 9 | presentation-level document | | |

-12 of 23- S/N: 09/840,737

| 1 | 61. (Previously Presented) A system as defined in Claim 60, wherein | | | |
|---|---|--|--|--|
| 2 | the second database stores a compilation of transforms that enable: | | | |
| 3 | (i) the internal representation to be transformed into a first subscription-level | | | |
| 4 | document and into a second subscription-level document; | | | |
| 5 | (ii) the first subscription level document to be transformed into a subscription- | | | |
| 6 | level specific DEFAULT organization-level document and into at least | | | |
| 7 | one user-specific organization-level document; and | | | |
| 8 | (iii) the second organization-level document to be transformed into a subscription | | | |
| 9 | level-specific DEFAULT organization-level document. | | | |
| 1 | 62. (Original) A system as defined in Claim 61, further comprising: | | | |
| 2 | a cache coupled to the first tabular means and to the second tabular means. | | | |
| 1 | 63. (Previously Presented) A document-generation process as defined in | | | |
| 2 | Claim 1 wherein receiving a first request for a second-level document that depends from | | | |
| 3 | the first-level document comprises: | | | |
| 4 | receiving a first request from a client computer coupled to the computer system | | | |
| 5 | for a second-level document that depends from the first-level document | | | |
| 1 | 64. (Currently Amended) A document-generation process as defined in Claim | | | |
| 2 | 1 further comprising: | | | |
| 3 | tracking the dependencies of a transformed document, wherein the transformed | | | |
| 4 | document includes at least one [[or]] of the first first-level document and | | | |
| 5 | the second-level document and the dependencies include the <u>first</u> first- | | | |
| 6 | level document and the internal representation; and | | | |
| 7 | regenerating the transformed document when any dependency related to the | | | |
| 8 | document changes. | | | |
| 1 | 65. (Previously Presented) A method of generating customized versions of a | | | |
| 2 | document using a computer system as defined in Claim 8 wherein receiving a request to | | | |
| 3 | generate a second-level document comprises: | | | |

-13 of 23- S/N: 09/840,737

| 4 | receiving a request from a client computer coupled to the computer system to | | | |
|----|--|----|--|--|
| 5 | generate a second-level document. | | | |
| 1 | 66. (Currently Amended) A method of generating customized versions of a | | | |
| 2 | document using a computer system as defined in Claim 8 further comprising: | | | |
| 3 | tracking the dependencies of a transformed document, wherein the transformed | | | |
| 4 | document includes at least one [[or]] of the first first-level document and | | | |
| 5 | the second-level document and the dependencies include the first first- | | | |
| 6 | level document and the internal representation; and | | | |
| 7 | regenerating the second-level document when any dependency related to the | | | |
| 8 | transformed document changes. | | | |
| 1 | 67. (Currently Amended) A method of generating customized versions of a | | | |
| 2 | document using a computer system as defined in Claim [[53]] 71 wherein receiving a | | | |
| 3 | request to generate a second-level document comprises: | | | |
| 4 | receiving a request from a client computer coupled to the computer system to | | | |
| 5 | generate [[a]] the second-level document. | | | |
| 1 | 68. (Currently Amended) A method of generating customized versions of a | | | |
| 2 | document using a computer system as defined in Claim [[53]] 71 further comprising: | | | |
| 3 | tracking the dependencies of the transformed documents, wherein the transforme | d | | |
| 4 | documents include the subscription-level document, the DEFAULT | | | |
| 5 | organization-level document, the user-specific organization-level | | | |
| 6 | document, the presentation-level documents, and the dependencies include | le | | |
| 7 | the DEFAULT organization-level document, the user-specific | | | |
| 8 | organization-level document, and the internal representation; and | | | |
| 9 | regenerating the second-level document when any dependency related to the | | | |
| 10 | transformed document changes. | | | |
| 1 | 69. (Currently Amended) A method of generating customized versions of a | | | |
| 2 | document using a computer system as defined in Claim [[53]] 71 wherein receiving a | | | |
| 3 | request to generate a second-level document comprises: | | | |

-14 of 23- S/N: 09/840,737

| 4 | receiving a request from a client computer coupled to the computer system to |
|----|--|
| 5 | generate [[a]] the second-level document. |
| 1 | 70. (Currently Amended) A system for the generation of customized data |
| 2 | documents as defined in Claim 58 further comprising: |
| 3 | a document dependency tracker and regenerator, coupled to the first and second |
| 4 | databases and first and second tabular means, to track the dependencies of |
| 5 | a transformed document, wherein the transformed document includes at |
| 6 | least one or the first-level document and the second-level document and |
| 7 | the dependencies include the first-level document and the internal |
| 8 | representation and to regenerate the transformed document when any |
| 9 | dependency related to the document changes. |
| 1 | |
| 1 | 71. (New) A method of generating customized versions of documents as in |
| 2 | Claim 53, wherein the first-level document comprises a subscription-level document and |
| 3 | the second first-level document comprises a DEFAULT organization-level document, |
| 4 | wherein: |
| 5 | transforming the internal representation further comprises: |
| 6 | transforming the internal representation into at least one subscription-leve |
| 7 | document, into a DEFAULT organization-level document and into |
| 8 | at least one user-specific organization-level document; |
| 9 | transforming the first first-level document further comprises: |
| 10 | transforming the DEFAULT organization-level document into at least one |
| 11 | presentation-level document; and |
| 12 | the method further comprises: |
| 13 | transforming the user-specific organization-level document into at least |
| 14 | one presentation-level document. |
| 1 | 72. (New) A document-generation process performed using a computer |
| 2 | system, the process comprising: |
| 3 | parsing a raw document to create an internal representation of the document; |
| 4 | reading a first first-level transform from a transform database; |

-15 of 23- S/N: 09/840,737

| 3 | applying the first first-level transform to the internal representation to create a |
|----|--|
| 6 | first first-level document; |
| 7 | writing the first first-level document to memory; |
| 8 | reading a second first-level transform from the transform database; |
| 9 | applying the second first-level transform to the internal representation to create a |
| 10 | second first-level document; |
| 11 | reading a second-level transform from the transform database; |
| 12 | applying the second-level transform to the first first-level document to create a |
| 13 | second-level document; |
| 14 | writing the second-level document to memory; and |
| 15 | writing the second first-level document to memory; |
| 16 | wherein the first first-level document and the second first-level document are |
| 17 | different. |
| | |
| 1 | 73. (New) A computer readable medium comprising data stored therein to |
| 2 | cause a data processing system to: |
| 3 | read a first first-level transform from a transform database; |
| 4 | apply the first first-level transform to the internal representation to create a first |
| 5 | first-level document; |
| 6 | write the first first-level document to memory; |
| 7 | read a second first-level transform from the transform database; |
| 8 | apply the second first-level transform to the internal representation to create a |
| 9 | second first-level document; |
| 10 | read a second-level transform from the transform database; |
| 11 | apply the second-level transform to the first first-level document to create a |
| 12 | second-level document; |
| 13 | write the second-level document to memory; and |
| 14 | write the second first-level document to memory; |
| 15 | wherein the first first-level document and the second first-level document are |
| 16 | different. |

-16 of 23- S/N: 09/840,737